CONTENTS OF VOLUME 103 i

The Age and Trophic History of Lake Waccamaw, North Carolina *J. C. Stager and L. B. Cahoon* 1
Observations on *Mola* Basking Behavior, Parasites, Echeneidid Associations, and Body-organ Weight Relationships *Frank J. Schwartz and David G. Lindquist* 14
The Ossicles of the Eastern Gray Squirrel, *Sciurus carolinensis* *Hal J. Daniel III and Linda K. Roberson* 21
A Comprehensive Bibliography of the Carolina Bays Literature *Thomas E. Ross* 28
Abelian Theorems for H-transforms of Functions and Generalized Functions *Richard D. Carmichael and Ram S. Pathak* 43
Suppressed Buds in Yellow-Poplar *Richard R. Braham and Robert C. Kellison* 47
Foraging Distances by Marine Birds Utilizing Spoil Islands in the Estuarine Cape Fear River, North Carolina *Frank J. Schwartz* 56
Scanning Electron Microscopy of *Schistosoma mansoni* Adults from Unisexual and Bisexual Infections *T. E. Evans, Jr. and G. C. Miller* 63
Fungal Pathogens with Potential for Biocontrol of Yellow Nutsedge (*Cyperus esculentus*) *Carol L. Blaney and C. Gerald Van Dyke* 71
Detection of IgE Binding to Some Airborne Pollen and Fungal Allergens Using Dot Immunoassay *John Ruffin, Lesia Baldwin, and Sumana Banerjee* 77
Characteristics for Distinguishing Flier (*Centrarchus macropterus*) and Black Crappie (*Pomoxis nigromaculatus*) Larvae *J. Michael Swing and E. Gerald McGowan* 81
Effects of Diflubenzuron and Benzoyl Peroxide on the Development of Fifth Instar Larvae of *Tribolium confusum* *William E. Oakley, Jr. and Gerhard W. Kalmus* 88
Evaluation of Some Methods for Enumeration of Nitrogen-Fixing Blue-Green Algae in Soil *Radzian Othman and A. G. Wollum, II* 94
Suitability of the Plastic Cable Tie as a Shark Tag *Frank J. Schwartz, G. Safrit, J. Purifoy, and O. Lewis* 101
Pascal Revisited *Paul W. Haggard and Virginia G. Joyner* 105
The Distributional Status of the Eastern Wood Rat, *Neotoma floridana floridana*, in North Carolina *Wm. David Webster, Wm. Walker Golder, Ann Neville, and Joseph F. Gouveia* 111
Editor's Note *Robert R. Bryden* 113
Proceedings from the Eighty-fourth Annual Meeting of the North Carolina Academy of Science, Inc., March 27-28, 1987, at North Carolina State University Raleigh, NC 115
Contents of Volume 103 i